

COMPLETE LISTING OF ALL CLAIMS

Claim 47 (Currently amended): A hybrid chip card ~~incorporating a secondary spatially encoded memory device~~ with enhanced security for storing information[[,]] comprising:

- a) a memory device having data encrypted with a signature derived from a series of arbitrary spatial relationships of spatially encoded data ~~or inherent noise~~;
- b) a medium incorporating a spatially encoded memory device, fixed to the exterior of the hybrid chip card, for the purpose of storing said spatially encoded data; and
- c) a processing element ~~to use the spatially encoded encrypted~~ that uses said signature to access the encrypted data in said memory device.

Claim 48 (New): A method for encoding a jitter signature into encoded data stored within a magnetic stripe on a hybrid chip card wherein pairs of transitions are spaced apart by a non-integer multiple of a reference value, comprising the steps of:

- a) generating a jitter signature from a first portion of information stored within a magnetic stripe on a hybrid chip card; and
- b) encoding said jitter signature in a second portion of the information stored within said magnetic stripe by jitter modulation, whereby said jitter modulation is accomplished by advancing or delaying the encoding timing by a small multiple of the reference value.